

Attachment C

County Street, Attleboro

Project ID B04D5071

Project ID# B04D5071

Work Code

MRMIC

ROR / MIS:

N/A

Hurdle Rate:

N/A

DESCRIPTION OF PROJECT: MAIN REPLACEMENT - DUE TO MUNICIPAL IMPROVEMENT

Newco

This is a municipal improvement project. The road is scheduled to be repaved in 2004. We are replacing the old low pressure 6" bare steel, cast iron and wrought iron mains with 2" & 6" plastic mains and tying over services. At this time the pressure will be increased to 99-psig. Due to its age, multiple leaks and poor condition, it is recommended to be replaced.

# Services 15Total Service Cost \$ N/ACust. Contribution N/A

COST RECORD				Today's Date: 3/19/2004	
Budget	Actual	Variance		Start Date:	5/17/04
Materials	\$10,125			Comp Date:	6/15/04
Company Labor	\$5,185			Estimator:	DER
Purchases	\$59,278			Sales Rep:	
Overheads	\$6,086			CIS #:	
Total	\$80,674				

Total cost estimated: \$80,674 Total services w/o overhead: N/A  
 Total mains w/o overhead: \$74,588

Pipe Added		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
Oakland Street	Attleboro	2	PP-Coil	150	124	5556049	5556066
Pembroke Avenue	Attleboro	2	PP-Coil	320	302	5556074	5556106
Jewel Avenue	Attleboro	2	PP-Coil	180	164	5556184	5556145
County Street	Attleboro	6	PP	750	652	5556158	5556207
Thacher Street	Attleboro	6	PP	425	394	5556210	5556213

Pipe Retired		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
County Street	Attleboro	6	CI	150	124	5556049	
Pembroke Avenue	Attleboro	6	CI	320	302	5556074	
Jewel Avenue	Attleboro	6	WI	175	164	5556184	
County Street	Attleboro	6	WI	750	652	5556158	
Thacher Street	Attleboro	6	BS	425	394	5556210	

New	<\$5K	\$5k<\$10k	\$10k<\$100k	>\$100k	Date
Business	Engineering Tech	Operations Engineer	Senior Engineer	Mgr. Eng:	
Name:				New Bus. Mgr:	
Date:				Dir. Finance:	
	New Business Rep.	New Business Team Leader	New Business Team Leader	VP Tech. Ops:	
Name:					
Date:					

Replacement	<\$10k	\$10k<\$100k	\$100k<\$250k	All Jobs >=\$250k	Date
& Other	Operations Engineer	Senior Engineer	Senior Engineer	Mgr. Eng:	
Name:	Wayne H. Hyatt			Dir. Finance:	
Date:	3/24/04	4/27/04		VP Tech Ops:	
			Mgr. Engineer	VP Finance:	
Name:				President:	
Date:					

Project ID# B04D5071

Work Code

MRMIC

ROR / MIS:

N/A

Hurdle Rate:

AG-2-17 Attachment C  
Page 3 of 47

DESCRIPTION OF PROJECT: MAIN REPLACEMENT - DUE TO MUNICIPAL IMPROVEMENT

This supplemental blue sheet is to detail the projects overrun. Further explanation is attached.

Neuro

# Services 15Total Service Cost \$ N/ACust. Contribution N/A

COST RECORD	Budget	Actual	Variance	Today's Date: 1/3/2005
Materials	\$1,640			Start Date: 5/17/04
Company Labor	\$12,595			Comp Date: 6/15/04
Purchases	\$123,317			Estimator: NJS
Overheads	\$43,556			Sales Rep:
Total	\$181,108			CIS #:

Total cost estimated:	\$181,108	Total services w/o overhead:	N/A
		Total mains w/o overhead:	\$137,552

Pipe Added		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
Oakland Street	Attleboro	2	PP-Coil	150	124	5556049	5556012
Pembroke Avenue	Attleboro	2	PP-Coil	320	302	5556024	5556106
Jewel Avenue	Attleboro	2	PP-Coil	180	164	5556124	5556145
County Street	Attleboro	6	PP	750	652	5556158	5556207
Thacher Street	Attleboro	6	PP	425	394	5556210	5556213

Pipe Retired		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
Oakland Street	Attleboro	6	CI	150			
Pembroke Avenue	Attleboro	6	CI	320			
Jewel Avenue	Attleboro	6	WI	175			
County Street	Attleboro	6	WI	750			
Thacher Street	Attleboro	6	BS	425			

New	<\$5K	\$5k<\$10k	\$10k<\$100k	>\$100k	Date
Business	Engineering Tech	Operations Engineer	Senior Engineer	Mgr. Eng:	
Name:				New Bus. Mgr:	
Date:				Dir. Finance:	
	New Business Rep.	New Business Team Leader	New Business Team Leader	VP Tech. Ops:	
Name:					
Date:					

Replacement	<\$10k	\$10k<\$100k	\$100k<\$250k	All Jobs >=\$250k	Date
& Other	Operations Engineer	Senior Engineer	Senior Engineer	Mgr. Eng:	
Name:	Walter H. Nye		none	Dir. Finance:	
Date:	1/25/05			VP Tech Ops:	
				VP Finance:	
Name:	John J. Nye			President:	
Date:	1/25/05				

# **EXPLANATION OF PROJECT OVERRUN** **B04D0571 County St. Attleboro**

The town of Attleboro mandated that all the fill that was removed had to be hauled away and clean fill be brought in. The trench then had to be backfilled even with the pavement and left to be packed down by traffic and water. Once the trench was packed, it once again had to be dug out to a depth of 6-inches. The trench was then capped with 6-inches of concrete.

The process that was mandated to be taken for this project caused the expected time for completion of the project to increase significantly. This increase in time that was needed in order to complete the project in turn increased the cost of police detail, \$27,157.85, as well as the contractor cost, \$91,916.03.

Between the excess disposal fees, the purchase of fill materials, and the time and materials that went in to the 6-inch concrete cap the project ran significantly over budget.

B04D5071 County St. Attleboro	Estimated	Actual	Variance
Payroll	\$5,185.00	\$17,779.90	\$12,594.90
Contractor	\$52,188.46	\$144,104.49	\$91,916.03
Police Detail	\$6,840.00	\$33,997.85	\$27,157.85
Materials	\$10,125.00	\$11,764.95	\$1,639.95
6"Pipe Footage	1175	1178	3.00
Unit Cost	\$44.20	\$180.13	\$135.93
Total	\$74,588.00	\$212,140.17	\$137,552.17

Bay State Gas  
Oakland Street  
From: County St  
To: E.O.M.

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 5 of 47

Attleboro  
Length: 150 feet  
Size: 2" PP  
Project ID #: B04D5071  
Estimated: 3/19/2004 by: DER

#### MATERIAL

Quantity	Description	Price	Cost
150 feet of Plastic Pipe @		\$0.45 per foot	\$67.50
1 Tie-in Material@		\$300.00 each	\$300.00
2 Service Stock		\$150.00 each	\$300.00
		\$0.00 each	\$0.00
		\$0.00 each	\$0.00
		0.00%	\$0.00
	Miscellaneous Fittings add		
	Overhead	23.60%	
		Sub Total	\$667.50
		Total	\$157.53
			\$825.03

#### COMPANY LABOR

Hours			
14 Inspector hrs.	\$28.64 per hour		\$400.96
4 Sm. Tie-in Crew hrs.	\$55.54 per hour		\$222.16
0 Lg. Tie-in Crew hrs.	\$80.85 per hour		\$0.00
0 Welder	\$28.64 per hour		\$0.00
0.5 Administrative work	\$25.00 per hour		\$12.50
		Sub Total	\$635.62
	Overhead	71.30%	\$453.20
		Total	\$1,088.82

#### CONTRACTOR CHARGES

<u>LABOR</u>			
150 feet of paved	\$9.01 per unit		\$1,351.50
0 feet of unpaved	\$7.81 per foot		\$0.00
0 ft of open trench, no bkfill	\$3.66 per foot		\$0.00
0 ft of open trench, bkfill to tape	\$4.61 per foot		\$0.00
0 ft of open trench, bkfill	\$5.03 per foot		\$0.00
5 service tie-over	\$500.00 each		\$2,500.00
4 hrs. for backhoe	\$62.06 per hr.		\$248.24
14 hrs. for traffic control	\$38.00 per hr.		\$532.00
0 hrs of hole hog	\$272.36 per unit		\$0.00
0 in. ft of sawcut	\$1.60 per foot		\$0.00
3 boulder removal	\$52.38 per cu. yd.		\$157.14
0 ledge removal	\$235.70 per cu. yd.		\$0.00
			\$0.00
<u>RESTORATION</u>			
12.5 sq. yds. of permanent patch	\$35.56 per cu. yd.		\$444.50
37.5 sq. yds. of temporary patch	\$35.56 per cu. yd.		\$1,333.50
0 sq. yds. of loam & seed	\$6.55 per cu. yd.		\$0.00
0 Ln. ft of infared	\$12.50 per foot		\$0.00
10.0 cu. yds. of sand	\$13.46 per cu. yd.		\$134.60
3 cu. yds. of gravel	\$13.78 per cu. yd.		\$41.34
permit	\$50.00 per project		\$50.00
contingency	0.00%		\$0.00
additional			
	Total		\$6,792.82
	Overhead Total		\$610.73
	Sub Total		\$8,095.94
	Grand Total		\$8,706.67

Bay State Gas  
Pembroke Avenue  
From: County St.  
To: E.O.M.

Attleboro  
Length: 320 feet  
Size: 2 " PP  
Project ID #: B04D5071  
Estimated: 3/19/2004 by: DER

#### MATERIAL

Quantity	Description	Price	Cost
320	feet of Plastic Pipe @	\$0.45 per foot	\$144.00
1	Tie-in Material@	\$300.00 each	\$300.00
5	Service Stock	\$150.00 each	\$750.00
		\$0.00 each	\$0.00
		\$0.00 each	\$0.00
	Miscellaneous Fittings add	0.00%	\$0.00
	Overhead	23.60%	\$281.78
		<b>Sub Total</b>	<b>\$1,194.00</b>
		<b>Total</b>	<b>\$1,475.78</b>

#### COMPANY LABOR

Hours			
33	Inspector hrs.	\$28.64 per hour	\$945.12
4	Sm. Tie-in Crew hrs.	\$55.54 per hour	\$222.16
0	Lg. Tie-in Crew hrs.	\$80.85 per hour	\$0.00
0	Welder	\$28.64 per hour	\$0.00
0.5	Administrative work	\$25.00 per hour	\$12.50
		<b>Sub Total</b>	<b>\$1,179.78</b>
	Overhead	71.30%	\$841.18
		<b>Total</b>	<b>\$2,020.96</b>

#### CONTRACTOR CHARGES

<b>LABOR</b>			
320	feet of paved	\$7.02 per unit	\$2,246.40
0	feet of unpaved	\$5.13 per foot	\$0.00
0	ft of open trench, no bkfil	\$5.21 per foot	\$0.00
0	ft of open trench, bkfil to tape	\$3.25 per foot	\$0.00
0	ft of open trench, bkfil	\$3.61 per foot	\$0.00
0	service tie-over	\$500.00 each	\$0.00
4	hrs. for backhoe	\$62.06 per hr.	\$248.24
33	hrs. for traffic control	\$38.00 per hr.	\$1,254.00
0	hrs of hole hog	\$272.36 per unit	\$0.00
0	ln. ft of sawcut	\$1.60 per foot	\$0.00
6.4	boulder removal	\$52.38 per cu. yd.	\$335.23
0	ledge removal	\$235.70 per cu. yd.	\$0.00
<b>RESTORATION</b>			
\$26.67	sq. yds. of permanent patch	\$35.56 per cu. yd.	\$948.27
80	sq. yds. of temporary patch	\$35.56 per cu. yd.	\$2,844.80
0	sq. yds. of loam & seed	\$6.55 per cu. yd.	\$0.00
0	Ln. ft of infared	\$12.50 per foot	\$0.00
21.3	cu. yds. of sand	\$13.46 per cu. yd.	\$287.15
6.4	cu. yds. of gravel	\$13.78 per cu. yd.	\$88.19
	permit	\$50.00 per project	\$50.00
	contingency	0.00%	\$0.00
	additional		
		<b>Total</b>	<b>\$8,302.28</b>
		<b>Overhead Total</b>	<b>\$1,122.97</b>
		<b>Sub Total</b>	<b>\$10,676.06</b>
		<b>Grand Total</b>	<b>\$11,799.02</b>

Bay State Gas  
Jewel Avenue  
From: County St.  
To: Hse # 10

Attleboro  
Length: 180 feet  
Size: 2 " PP  
Project ID #: B04D5071  
Estimated: 3/19/2004

by: DER

#### MATERIAL

Quantity	Description	Price	Cost
180 feet of Plastic Pipe @		\$0.45 per foot	\$81.00
1 Tie-in Material@		\$300.00 each	\$300.00
2 Service Stock		\$150.00 each	\$300.00
		\$0.00 each	\$0.00
		\$0.00 each	\$0.00
		0.00%	\$0.00
Miscellaneous Fittings add			
		Sub Total	\$681.00
Overhead		23.60%	\$160.72
		Total	\$841.72

#### COMPANY LABOR

Hours			
15 Inspector hrs.	\$28.64 per hour		\$429.60
4 Sm. Tie-in Crew hrs.	\$55.54 per hour		\$222.16
0 Lg. Tie-in Crew hrs.	\$80.85 per hour		\$0.00
0 Welder	\$28.64 per hour		\$0.00
0.5 Administrative work	\$25.00 per hour		\$12.50
		Sub Total	\$664.26
Overhead		71.30%	\$473.62
		Total	\$1,137.88

#### CONTRACTOR CHARGES

<b>LABOR</b>			
180 feet of paved	\$9.01 per unit		\$1,621.80
0 feet of unpaved	\$7.81 per foot		\$0.00
0 ft of open trench, no bkfill	\$3.66 per foot		\$0.00
0 ft of open trench, bkfill to tape	\$4.61 per foot		\$0.00
0 ft of open trench, bkfill	\$5.03 per foot		\$0.00
0 service tie-over	\$500.00 each		\$0.00
4 hrs. for backhoe	\$62.06 per hr.		\$248.24
15 hrs. for traffic control	\$38.00 per hr.		\$570.00
0 hrs of hole hog	\$272.36 per unit		\$0.00
0 in. ft of sawcut	\$1.60 per foot		\$0.00
3.6 boulder removal	\$52.38 per cu. yd.		\$188.57
0 ledge removal	\$235.70 per cu. yd.		\$0.00
<b>RESTORATION</b>			
15 sq. yds. of permanent patch	\$35.56 per cu. yd.		\$533.40
45 sq. yds. of temporary patch	\$35.56 per cu. yd.		\$1,600.20
0 sq. yds. of loam & seed	\$6.55 per cu. yd.		\$0.00
0 Ln. ft of infared	\$12.50 per foot		\$0.00
12.0 cu. yds. of sand	\$13.46 per cu. yd.		\$161.52
3.6 cu. yds. of gravel	\$13.78 per cu. yd.		\$49.61
permit	\$50.00 per project		\$50.00
contingency	0.00%		\$0.00
additional			
	Total		\$5,023.34
	Overhead Total		\$634.33
	Sub Total		\$6,368.60
	Grand Total		\$7,002.93

Bay State Gas  
Country Street  
From: Thatcher St.  
To: Bushee St.

Attleboro  
Length: 750 feet  
Size: 6 " PP  
Project ID #: B04D5071  
Estimated: 3/19/2004

by: DER

# MATERIAL

Quantity	Description	Price	Cost
750 feet of Plastic Pipe @		\$3.32 per foot	\$2,490.00
1 6-in Plastic Tee @		\$33.37 each	\$33.37
1 6-in Plastic Valve @		\$531.71 each	\$531.71
1 6-in Trans. Fit @		\$80.50 each	\$80.50
2 6-in Plastic Elbow		\$25.65 each	\$51.30
2 6-in Plastic End Cap @		\$17.86 each	\$35.72
3 Service Stock		\$150.00 each	\$450.00
Miscellaneous Fittings add		10.00%	\$367.26
		Sub Total	\$4,039.86
Overhead		23.60%	\$953.41
		Total	\$4,993.27

# COMPANY LABOR

Hours			
42 Inspector hrs.	\$28.64 per hour	\$1,202.88	
0 Sm. Tie-in Crew hrs.	\$55.54 per hour	\$0.00	
4 Lg. Tie-in Crew hrs.	\$80.85 per hour	\$323.40	
0 Welder	\$28.64 per hour	\$0.00	
0.5 Administrative work	\$25.00 per hour	\$12.50	
		Sub Total	\$1,538.78
Overhead	71.30%		\$1,097.15
		Total	\$2,635.93

# CONTRACTOR CHARGES

## LABOR

750 feet of paved	\$14.93 per unit	\$11,197.50
0 feet of unpaved	\$10.63 per foot	\$0.00
0 ft of open trench, no bkfil	\$5.97 per foot	\$0.00
0 ft of open trench, bkfil to tape	\$7.02 per foot	\$0.00
0 ft of open trench, bkfil	\$7.54 per foot	\$0.00
0 service tie-over	\$500.00 each	\$0.00
4 hrs. for backhoe	\$62.06 per hr.	\$248.24
72 hrs. for traffic control	\$38.00 per hr.	\$2,736.00
0 hrs of hole hog	\$272.36 per unit	\$0.00
0 in. ft of sawcut	\$1.60 per foot	\$0.00
15 boulder removal	\$52.38 per cu. yd.	\$785.70
0 ledge removal	\$235.70 per cu. yd.	\$0.00

## RESTORATION

62.5 sq. yds. of permanent patch	\$35.56 per cu. yd.	\$2,222.50
187.5 sq. yds. of temporary patch	\$35.56 per cu. yd.	\$6,667.50
0 sq. yds. of loam & seed	\$6.55 per cu. yd.	\$0.00
0 Ln. ft of infared	\$12.50 per foot	\$0.00
50.0 cu. yds. of sand	\$13.46 per cu. yd.	\$673.00
15 cu. yds. of gravel	\$13.78 per cu. yd.	\$206.70

permit	\$50.00 per project	\$50.00
contingency	0.00%	\$0.00
additional		

Total \$24,787.14

Overhead Total \$2,050.56

Sub Total \$30,365.78

Grand Total \$32,416.34



Bay State Gas  
Thacher Street  
From: County St.  
To: Hse # 384

Attleboro  
Length: 425 feet  
Size: 6 " PP  
Project ID #: B04D5071  
Estimated: 3/19/2004

by: DER

#### MATERIAL

Quantity	Description	Price	Cost
425	feet of Plastic Pipe @	\$3.32 per foot	\$1,411.00
1	6-in P.C @	\$605.75 each	\$605.75
1	6-in Steel Valve @	\$620.75 each	\$620.75
1	6-in Trans. Fit @	\$80.50 each	\$80.50
2	6-in 90-deg Weld Elbow	\$18.83 each	\$37.66
2	6-in Weld End Cap @	\$7.28 each	\$14.56
3	Service Stock	\$150.00 each	\$450.00
	Miscellaneous Fittings add	10.00%	\$322.02
		Sub Total	\$3,542.24
	Overhead	23.60%	\$835.97
		Total	\$4,378.21

#### COMPANY LABOR

Hours	Description	Price	Cost
29	Inspector hrs.	\$28.64 per hour	\$830.56
0	Sm. Tie-in Crew hrs.	\$55.54 per hour	\$0.00
4	Lg. Tie-in Crew hrs.	\$80.85 per hour	\$323.40
0	Welder	\$28.64 per hour	\$0.00
0.5	Administrative work	\$25.00 per hour	\$12.50
		Sub Total	\$1,166.46
	Overhead	71.30%	\$831.69
		Total	\$1,998.15

#### CONTRACTOR CHARGES

##### LABOR

425	feet of paved	\$14.93 per unit	\$6,345.25
0	feet of unpaved	\$10.63 per foot	\$0.00
0	ft of open trench, no bkfill	\$5.97 per foot	\$0.00
0	ft of open trench, bkfill to tape	\$7.02 per foot	\$0.00
0	ft of open trench, bkfill	\$7.54 per foot	\$0.00
0	service tie-over	\$500.00 each	\$0.00
4	hrs. for backhoe	\$62.06 per hr.	\$248.24
46	hrs. for traffic control	\$38.00 per hr.	\$1,748.00
0	hrs of hole hog	\$272.36 per unit	\$0.00
0	ln. ft of sawcut	\$1.60 per foot	\$0.00
8.5	boulder removal	\$52.38 per cu. yd.	\$445.23
0	ledge removal	\$235.70 per cu. yd.	\$0.00

##### RESTORATION

35.42	sq. yds. of permanent patch	\$35.56 per cu. yd.	\$1,259.42
106.25	sq. yds. of temporary patch	\$35.56 per cu. yd.	\$3,778.25
0	sq. yds. of loam & seed	\$6.55 per cu. yd.	\$0.00
0	Ln. ft of infared	\$12.50 per foot	\$0.00
28.3	cu. yds. of sand	\$13.46 per cu. yd.	\$381.37
8.5	cu. yds. of gravel	\$13.78 per cu. yd.	\$117.13
	permit	\$50.00 per project	\$50.00
	contingency	0.00%	\$0.00
	additional		
		Total	\$14,372.88

Overhead Total	\$1,667.66
Sub Total	\$19,081.59
Grand Total	\$20,749.24



# CITY OF ATTLEBORO, MASSACHUSETTS PUBLIC WORKS DEPARTMENT STREET SIDEWALK PERMIT

Permit Number BSG #2004-0082

Fee: Street Opening = \$325.00 ( ) Date: 04-29-04

Inspection = \$50.00 (X) Expiration Date (60 days): 06-28-04

Misc: replace gas main = \$150.00 ( ) Dig Safe No. 20041710065

WATER DEPARTMENT  
MUST BE NOTIFIED IN  
ADVANCE OF STREET  
OPENING. TEL: (508) 222-  
7220, OR (508) 222-0010.  
APPLY FOR RENEWAL  
PRIOR TO EXPIRATION  
OF THIS PERMIT.  
DIG SAFE # EXPIRES  
AFTER 30 DAYS. NEW  
DIG SAFE # REQUIRED  
PRIOR TO EXPIRATION  
OF DIG SAFE #.

Name of Contractor Bay State Gas Company Address 995 Belmont Street Tele 608-580-0100

Owners Name \_\_\_\_\_ Address County Square Tele \_\_\_\_\_

Nature of Business Replacing existing gas mains on Thatcher Street & County Street and connecting side streets

Street and/or Sidewalk Location Conditions: processed gravel compacted in 6" lifts with water to road surface,  
top 8" removed & replaced with 4" of concrete then topped with 2" asphalt binder, compaction to be tested

1. Continuing performance bond for multiple permits \$5000.00 and up \_\_\_\_\_
2. Indemnification and Liability Insurance: ( ) A. \$100,000 - Bodily Injury  
( ) B. \$50,000 - Property Damage
3. Condition of Permit - Refer to Superintendent of Public Works - Ordinance 16-8.8
4. Certification of Restoration - Approved by Superintendent of Public Works
5. Revocation of Permit - Superintendent of Public Works on Ordinance 16-8.10
6. Penalties - Superintendent of Public Works on Ordinance 16-6.11 (\$200.00 First Offense, \$400.00 Second Offense)
7. Condition:

A. Sawcut (X) B. Backfill with Fresh Materials (X) C. Compact 95% (X)

D. Top with 3" of Concrete ( ) E. Overlay with Hot Mix (X) F. Infrared/Grind ( ) G. Flowable Fill ( )

8. Policing: (X) Required ( ) Not Required

In accordance with the provisions of Section 16-6-8 of the Ordinances of the City of Attleboro this permit is granted with the understanding that all precautions will be taken to protect the public in the use of this street and/or sidewalk both day and night and that the street and/or sidewalk will be restored to its acceptable condition prescribed by the Superintendent of Public Works 16-8.9. The contractor shall notify the Public Works Department 16-8.8 C forty-eight hours (48) to start work. (Return one copy of permit to the Office of Superintendent of Public Works upon completion of work) NOTIFY HIGHWAY FOREMAN 24 HOURS BEFORE BACKFILLING AT (508) 222-0006

PUBLIC WORKS (508) 223-2222, EXT#3160

Wayne A. [Signature] 4/29/04  
Contractor Signature, Title, License, & Telephone

[Signature] 4-29-04  
Signature Superintendent of Public Works Issuance of Permit

City Collector

Approved \_\_\_\_\_ Denied \_\_\_\_\_

Date \_\_\_\_\_ Initials \_\_\_\_\_

STATE GAS COMPANY PERMITS  
300 FRIBERG PKY  
WESTBOROUGH, MA 01581

Bay State Gas Company  
D.T.E. 05-27  
AG-211 Agent C  
Page 11 of 47

DATE 4-23-04

5-12/110

PAY TO THE  
ORDER OF

Town of Attleboro

\$ 250.00

Two-hundred & fifty

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Fleet

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FOR 5 permits - County ST

Barbara Haywood

⑈018638⑈ ⑆011000138⑆ 00522 59803⑈

Melanie Blood

B04D5071

JUL 30 2004

AG-2-117 Attachment C  
2004.12.17

Project I.D.

# Distribution Work Order

**COMPLETED**

## Identification:

At House 0	To House 0	Street Name THACHER ST	Location Phone	Work Order # 5556213-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
Work Phone	Initiated Date 04/22/2004			
At Lot	To Lot	At Pole	To Pole	At Intersection
Customer Account #	Initiated Time 14:17			
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	

## Work:

Work Code TRMIC	Work Description MAIN-REPL-TIEIN-MUNIMP	Estimated Units 1	Scheduled Date 5-12-04
Outgoing Comments TIE IN NEW 6" PP MAIN		Leak Priority	Employee Assigned J J 3
		Cause of Leak	BSG Crew Assigned J J 3
		Dig Safe #	Contr. Crew Assigned
		Job Priority	

## Pipe Data:

## Other Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size		6"	
Pipe Type		SDR35	
Coat Type		BS	
Pressure		110 PSI	
Length			
Cut	S M L		S M L
Depth		38"	
Year		27	
Pipe Cond.	LN - F - P - VP	LN - F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

Restoration Needed ☐

Restoration Done ☐

Bill to Customer? ☐

# Sketch:

Bay State Gas Company  
D.T.E. 06-27  
AG-2-17 Attachment C  
Page 13 of 47

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
Town	Date Sent	Date Rec'd
State		
Permit #		
Water Notification:	Date Called	
Sewer Notification:	Date Called	

## Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature

# Distribution Work Order

COMPLETED

## Identification:

At House 0	To House 0	Street Name THACHER ST	Location Phone	Work Order # 5556210-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
Initiated Date 04/24/2004	Work Phone	Customer Account #	Initiated Time 14:14	
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	

## Work:

Work Code MRMIC	Work Description MAIN REPL - MUNICIPAL	Estimated Units	Scheduled Date
Leak Priority	Employee Assigned 0159		
Outgoing Comments REPLACE 425' OF 6" PP MAIN ABANDON 425' OF 6" BS MAIN <i>R 4/22/04</i>	Cause of Leak	BSG Crew Assigned 1431	
Dig Safe #	Contr. Crew Assigned		
Job Priority	NEVERO		

## Pipe Data:

## Other Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"	6"	6"
Pipe Type	PLASTIC	S	S
Coat Type	BARE	BARE	BARE
Pressure	INTERMEDT	INTERMEDT	INTERMEDT
Length	425	394	394
Cut	S M L	S M L	S M L
Depth	38	39	39
Year	2004	27	27
Pipe Cond.	LN F P VP	LN F P VP	LN F P VP
Coat Cond.	G MD ED	G MD ED	G MD ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	160
Elpsd. PSI Time	4405
Patch Size Length	
Width	

Restoration Needed <input type="checkbox"/>	Restoration Done <input type="checkbox"/>	Bill to Customer? <input type="checkbox"/>
---	---	--

**Sketch:**

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment C

Page 15 of 47

see L

Line of Main

**Restoration Data:**

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

**Permit Data:**

<b>Dig Safe:</b>	Ticket #	Date Effective	
<b>Notification:</b>			
<b>Permit Required:</b>			
	Date Sent	Date Rec'd	Permit #
Town			
State			
<b>Water Notification:</b>	<input type="checkbox"/>	Date Called	
<b>Sewer Notification:</b>	<input type="checkbox"/>	Date Called	

**Stamps:**

PRO SCAN  
JUL 02 2004  
COMPLETED

**Completion Data:**

Comments:



Completed Date

5/17/04

Date Started

5/17/04

Completed Units

394

Signature

Way





Project I.D.

JUL 10 2004

Bay State Gas Company

D.F.E. 95-27

AG-2-17 Attachment C

Page 16 of 47

COMPLETED

## Manual Distribution Work Order

## Identification:

House #

Street Name

Cody St

Work Order #

Other Identifying Information

BSG 1122 21

Town

LITTLE ROCK

Date

6-15-04

Customer Name

Filled Out By

R. K. KELLEY

Phone

## Work:

Work Description

REPAIR 2" GAS

Leak Priority

Scheduled Date

6-15-04

Cause of Leak

Employee Assigned

J. KELLEY

Dispatcher Comments

BSG Crew Assigned

J. KELLEY

Contr. Crew Assigned

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size			
Pipe Type			
Coat Type			
Pressure			
Length			
Cut	S M L		
Depth			
Year			
Pipe Cond.		LN F P VP	LN F P VP
Coat Cond.		G MD ED	
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

Restoration Needed ☒Restoration Done ☒

Bill to Customer?

☒ Yes☒ No

Enter Other Completion Information And Restoration Information on Back



# Sketch:

Bay State Gas Company  
D.T.E. 06-27  
AG-2-17 Attachment C  
Page 17 of 47

DOMINOS PIZZA

BUSINESS

P9008

29'

41' 6"

5'

15'

6" 4I

COUNTY 38

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size	250		
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
Town	Date Sent	Date Rec'd
State		Permit #
Water Notification:	Date Called	
Sewer Notification:	Date Called	

## Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature



# Distribution Work Order

B04D5071

JUL 30 2004

Bay State Gas Company

AG-2-17 Attachment C

Page 18 of 47

Project I.D.

**COMPLETED**

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	COUNTY ST		5556158-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	Customer Account #	Initiated Date	Initiated Time
			04/22/2004	14:02
Customer Name	Entered By	CCS Number	Source	Source Name
		0-0-0	EMPLOYEE	NGUYEN WAYNE
		Digging Conditions		

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		
		Leak Priority	Employee Assigned
			0159
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
REPLACE 750' OF 6" PP MAIN ABANDON 750' OF 6" WI MAIN			1431
	Dig Safe #	Contr. Crew Assigned	
			NEVCO
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"	6"	
Pipe Type	PLASTIC	CS	
Coat Type	BARE	TAR	
Pressure	INTERMEDT	Inter	
Length	750		
Cut	S M L		S M L
Depth	39	34	
Year	2004	02	
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	160
Elpsd. PSI Time	4 Hr
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐

See LL

Line of Main \_\_\_\_\_

### Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

### Permit Data:

Dig Safe:	Ticket #	Date Effective	
Notification:	_____	_____	
	_____	_____	
Permit Required:			
	Date Sent	Date Rec'd	Permit #
Town		_____	_____
State		_____	_____
Water Notification:			Date Called _____
Sewer Notification:			Date Called _____

### Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

### Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature



# Distribution Work Order

B04D5071

PRO-SCAN Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 20 of 47  
JUL 30 2004

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	COUNTY ST		5556207-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
		0-0-0	EMPLOYEE	04/22/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			NGUYEN WAYNE	14:10

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	5-17-04
		Leak Priority	Employee Assigned
			313
		Cause of Leak	BSG Crew Assigned
			313
		Dig Safe #	Contr. Crew Assigned
		Job Priority	

Outgoing Comments

TIE IN NEW 6" PP MAIN

*5/27/04*

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size		6"	
Pipe Type		CS	
Coat Type		CONCRETE INTER	
Pressure			
Length			
Cut	S M L		S M L
Depth		40"	
Year		62	
Pipe Cond.	LN - F - P - VP	LN - F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size	
Length	
Width	

Restoration Needed ☐

Restoration Done ☐

Bill to Customer? ☐

Sketch:

Sketch

Line of Main

### Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

### Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Water Notification:		Date Called
Sewer Notification:		Date Called

### Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

### Completion Data:

Comments:	
Completed Date	
Completed Units	
Date Started	
Signature	



Project I.D.

JUL 14 2004  
Bay State Gas Company  
DET. 05-27  
AC-21 Attachment C  
Page 22 of 47

COMPLETED

## Manual Distribution Work Order

## Identification:

House #	Street Name	Work Order #
	COUNTY ST	
Other Identifying Information	Town	Date
BY SHED ST	ATTLEBORO	6-15-04
	Customer Name	Filled Out By
		R. KELLEY
	Phone	

## Work:

Work Description	Leak Priority	Scheduled Date
ADDITION 6" W.I.		6-15-04
	Cause of Leak	Employee Assigned
		353
Dispatcher Comments		BSG Crew Assigned
		333
		Contr. Crew Assigned

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size		6"	
Pipe Type		W.I.	
Coat Type		BAKE	
Pressure		LOW	
Length			
Cut	S M L		
Depth		3'	
Year		1912	
Pipe Cond.		LN (E) P - VP	LN - F - P - VP
Coat Cond.		G - MD - ED	
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

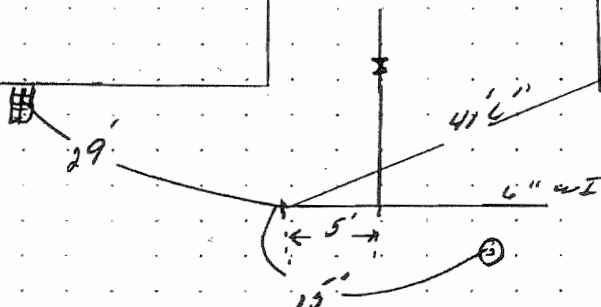
Restoration Needed ☒Restoration Done ☐Bill to Customer? ☐ Yes ☐ No

Enter Other Completion Information And Restoration Information on Back

DOMINOS  
PIZZA

BUSHEE

P8008



COUNTY 38

Line of Main

### Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

### Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
Town	Date Sent	Date Rec'd
State		
Water Notification:	Date Called	
Sewer Notification:	Date Called	

### Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

### Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature





B04D5071

PRO SCAN 05-27

AG-2-11 Attachment C

Page 44 of 47

## Distribution Work Order

Project ID JUL 30 2004

## Identification:

COMPLETED

Work Order #

5556124-1

At House To House

0

0

Street Name

JEWEL AVE

Location Phone

Bldg. # Unit # Apt. # Suite #

Town

ATTLEBORO

Work Phone

Initiated Date

04/22/2004

At Lot To Lot At Pole To Pole

At Intersection

Customer Account #

Initiated Time

13:23

Kit and Grid #

To Intersection

CCS Number

0-0-0

Source

EMPLOYEE

Customer Name

Entered By

Digging Conditions

Source Name

NGUYEN WAYNE

## Work:

Work Code

Work Description

Estimated Units

Scheduled Date

MRMIC

MAIN REPL - MUNICIPAL

Leak Priority

Employee Assigned

Outgoing Comments

REPLACE 180' OF 2" PP MAIN  
ABANDON 175' OF 6" WI MAIN

6/22/04  
[Signature]

Cause of Leak

BSG Crew Assigned

Dig Safe #

Contr. Crew Assigned

Job Priority

## Pipe Data:

## Other Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	2"	2"
Pipe Type	PLASTIC	PP	PP
Coat Type	BARE	PP	PP
Pressure	INTERMEDT	PP	PP
Length	180	124	
Cut	S M L		S M L
Depth	36	36	
Year	2004	24	
Pipe Cond.	IN F P VP	IN F P VP	IN F P VP
Coat Cond.	G MD ED	G MD ED	G MD ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

Anode Inst.  
Flow Limiter Installed  
Flow Limiter Tagged  
Curb Cock Installed  
Meter Barrier Installed  
Meter Fit Installed

Inside  
Outside

Soap Test

Pressure Test

Pounds/Square Inch

Elpsd. PSI Time

Patch Size Length

Width

COMPLETED  
ECL

Restoration Needed

Restoration Done

Bill to Customer?



# Sketch:

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment C

Page 25 of 47

See L.L.

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective	
Notification:			
Permit Required:			
	Date Sent	Date Rec'd	Permit #
Town			
State			
Water Notification:		Date Called	
Sewer Notification:		Date Called	

## Stamps:

PRO SCAN

JUL 02 2004

COMPLETED

## Completion Data:

Comments:			
Completed Date	Date Started		
Completed Units	Signature		

JUL 8 2004 Bay State Gas Company

B04D5071

COMPLETED

AG-2-17 Attachment C Page 47 of 47

Project I.D.

# Distribution Work Order

## Identification:

At House 0	To House 0	Street Name JEWEL AVE	Location Phone	Work Order # 5556145-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
At Lot	To Lot	At Pole	To Pole	Work Phone
At Intersection	Customer Account #	Initiated Date 04/23/2004	Initiated Time 13:52	
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	

## Work:

Work Code TRMIC	Work Description MAIN-REPL-TIEIN-MUNIMP	Estimated Units 1	Scheduled Date
		Leak Priority	Employee Assigned 0159
Outgoing Comments TIE IN NEW 2" PP MAIN <i>6/2/04</i>		Cause of Leak	BSG Crew Assigned 1931
		Dig Safe #	Contr. Crew Assigned NEUVO
		Job Priority	

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	2"	2"
Pipe Type	PP	PP	PP
Coat Type	B2K	B2K	B2K
Pressure	100 PSI	100 PSI	100 PSI
Length			
Cut	S M L	S M L	S M L
Depth	36"	36"	36"
Year	04	04	04
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	160
Elpsd. PSI Time	1-HR
Patch Size Length	
Width	

Restoration Needed ☒

Restoration Done ☒

Bill to Customer? ☒

# Sketch:

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 27 of 47

See LL

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Water Notification:	Date Called	
Sewer Notification:	Date Called	

## Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature

B04D5071

AG-2-17 Attachment C  
JUL 30 2004

Project I.D.

# Distribution Work Order

**COMPLETED**

## Identification:

At House 0	To House 0	Street Name JEWEL AVE	Location Phone	Work Order # 5556124-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	Initiated Date 04/22/2004
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	Initiated Time 13:23

## Work:

Work Code MRMIC	Work Description MAIN REPL - MUNICIPAL	Estimated Units	Scheduled Date 6-14-04
Outgoing Comments REPLACE 180' OF 2" PP MAIN ABANDON 175' OF 6" WI MAIN <i>6/22/04</i>		Leak Priority	Employee Assigned 01393
		Cause of Leak	BSG Crew Assigned 1333
		Dig Safe #	Contr. Crew Assigned
		Job Priority	

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	2"	2"
Pipe Type	PLASTIC	PP	PP
Coat Type	BARE	BARE	BARE
Pressure	INTERMEDT	16.3	LOW
Length	180	164	169
Cut	S M L	S M L	S M L
Depth	34	26"	26"
Year	2004	08	?
Pipe Cond.	(N) F-P-VP	(N) F-P-VP	LN (F) P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

COMPLETED  
ECL

Restoration Needed ☒

Restoration Done ☐

Bill to Customer? ☐

# Sketch:

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment C

Page 29 of 47

## Restoration Data:

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	<input type="text"/>		
Signature	<input type="text"/>		

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:	<input type="text"/>	<input type="text"/>
Permit Required:		
	Date Sent	Date Rec'd
Town	<input type="text"/>	<input type="text"/>
State	<input type="text"/>	<input type="text"/>
Water Notification:	<input type="checkbox"/>	Date Called <input type="text"/>
Sewer Notification:	<input type="checkbox"/>	Date Called <input type="text"/>

## Stamps:

PRO SCAN

JUL 02 2004

COMPLETED

## Completion Data:

Comments:	<input type="text"/>
Completed Date	Date Started
<input type="text"/>	<input type="text"/>
Completed Units	Signature
<input type="text"/>	<input type="text"/>

Project I.D.

# Manual Distribution Work Order

COMPLETED

## Identification:

House #

Street Name

Work Order #

Other Identifying Information

Town

Date

Customer Name

Filled Out By

Phone

2004/00 0809

## Work:

Work Description

Leak Priority

Scheduled Date

Cause of Leak

Employee Assigned

Dispatcher Comments

BSG Crew Assigned

Contr. Crew Assigned

## Pipe Data:

## Other Data:

Pipe Size

Pipe Type

Coat Type

Pressure

Length

Cut

Depth

Year

Pipe Cond.

Coat Cond.

Pit Depth

# of Fits

Fit Size

Rate Class

New Pipe

Exposed Pipe

Reinforced Pipe

Anode Inst.

Flow Limiter Installed

Flow Limiter Tagged

Curb Cock Installed

Meter Barrier Installed

Meter Fit Installed

Inside

Outside

Soap Test

Pressure Test

Pounds/ Square Inch

Elpsd. PSI Time

Patch Size Length

Width

Restoration Needed

Restoration Done

Bill to Customer?

Yes

No

Enter Other Completion Information And Restoration Information on Back



Sketch:

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment C

Page 31 of 47

THATCHER

COUNTY 5

COUNTY

5MA

0

23

22

P. 8003

POMBROKS

Line of Main

Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town	3-15-04	
State		
Permit #		
Water Notification:		Date Called
Sewer Notification:		Date Called

Stamps:

PRO SCAN  
MAR 18 2004  
COMPLETED

Completion Data:

Comments:	
Completed Date	
Date Started	
Completed Units	
Signature	

B04D5071

JUL 30 2004

# Distribution Work Order

Project I.D.

COMPLETED

## Identification:

At House 0	To House 0	Street Name PEMBROKE AVE	Location Phone	Work Order # 5556074-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
At Lot	To Lot	At Pole	To Pole	Work Phone
At Intersection	Customer Account #	Initiated Date 04/22/2004	Initiated Time 12:23	
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	

## Work:

Work Code MRMIC	Work Description MAIN REPL - MUNICIPAL	Estimated Units	Scheduled Date
		Leak Priority	Employee Assigned 0.157
Outgoing Comments REPLACE 320' OF 2" PP MAIN ABANDON 320' OF 6" CI MAIN 6/22/04		Cause of Leak	BSG Crew Assigned 1431
		Dig Safe #	Contr. Crew Assigned NEUCO
		Job Priority	

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	2"	2"
Pipe Type	PLASTIC	PP	PP
Coat Type	BARE	Bare	Bare
Pressure	INTERMEDT	Inter	Inter
Length	320	302	
Cut		S M L	S M L
Depth		36	
Year	2004	09	
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	155
Elpsd. PSI Time	1HR
Patch Size Length	
Width	

Restoration Needed ☐

Restoration Done ☐

Bill to Customer? ☐



# Sketch:

Bay State Gas Company  
D.T.F. 05-27  
AG-2-17 Attachment C  
Page 33 of 47.

See LL

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Permit #		
Water Notification:		Date Called
Sewer Notification:		Date Called

## Stamps:

PRO SCAN

JUL 02 2004

COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature



# Distribution Work Order

B04D5071

Bay State Gas Company  
JUL 30 2004  
AG-2-17 Attachment C  
Page 54 of 47

Project I.D.

**COMPLETED**

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	PEMBROKE AVE		5556074-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
		0-0-0	EMPLOYEE	04/22/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			NGUYEN WAYNE	12:23

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		6-15-04
		Leak Priority	Employee Assigned
			353
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
REPLACE 320' OF 2" PP MAIN ABANDON 320' OF 6" CI MAIN		333	
	Dig Safe #	Contr. Crew Assigned	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"		6"
Pipe Type	PLASTIC		
Coat Type	BARE		
Pressure	INTERMEDT		
Length	320		302
Cut	S M L		S M L
Depth			26"
Year	2004		12
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input type="checkbox"/>
Pressure Test	<input type="checkbox"/>
Pounds/Square Inch	<input type="checkbox"/>
Elpsd. PSI Time	<input type="checkbox"/>
Patch Size Length	<input type="checkbox"/>
Width	<input type="checkbox"/>

Restoration Needed ☒Restoration Done ☐Bill to Customer? ☐

# Sketch:

Bay State Gas Company

D.T.E: 05-27

AG-2-17 Attachment C

Page 35 of 47

Line of Main \_\_\_\_\_

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective	
Notification:			
Permit Required:			
	Date Sent	Date Rec'd	Permit #
Town			
State			
Water Notification:		Date Called	
Sewer Notification:		Date Called	

## Stamps:

PRO SCAN

JUL 02 2004

COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature


# Distribution Work Order

COMPLETED

## Identification:

At House 0	To House 0	Street Name PEMBROKE AVE	Location Phone	Work Order # 5556106-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source EMPLOYEE	Initiated Date 04/22/2004
Customer Name	Entered By	Digging Conditions	Source Name NGUYEN WAYNE	Initiated Time 13:05

## Work:

Work Code TRMIC	Work Description MAIN-REPL-TIEIN-MUNIMP	Estimated Units 1	Scheduled Date
Outgoing Comments TIE IN NEW 2" PP MAIN		Leak Priority	Employee Assigned 0159
<div style="text-align: right;">  </div>		Cause of Leak	BSG Crew Assigned 1431
		Dig Safe #	Contr. Crew Assigned
		Job Priority	NEW CD

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	12"	6"	
Pipe Type	PP	PP	
Coat Type	135R	135R	
Pressure	Inter	Inter	
Length			
Cut	S M L		S M L
Depth	36	36	
Year	04	04	
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	150
Elpsd. PSI Time	1 HR
Patch Size Length	
Width	

Restoration Needed ☐

Restoration Done ☐

Bill to Customer? ☐

# Sketch:

Seell

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	<input type="checkbox"/>		
Signature	<input type="checkbox"/>		

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Water Notification:	<input type="checkbox"/>	Date Called
Sewer Notification:	<input type="checkbox"/>	Date Called

## Stamps:

SEAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	<input type="checkbox"/>
Completed Date	Date Started
Completed Units	Signature



✓ CMS # 3711

Project I.D.

Bay State Gas Company

AG-2-17 Attachment C

Page 38 of 47

## Manual Distribution Work Order

NOV 05 2003

COMPLETED

Work Order #

5272832

## Identification:

House #

48

Street Name

Oakland Ave

Other Identifying Information

Town

Atterboro

Date

7/1/03

Customer Name

Filled Out By

Phone

## Work:

Work Description

Leak Priority

Scheduled Date

Cause of Leak

Employee Assigned

Dispatcher Comments

BSG Crew Assigned

Contr. Crew Assigned

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	1/4	1/2	1/2
Pipe Type	P.P.	BS	BS
Coat Type	PP	BS	
Pressure	Low	Low	Low
Length	26'		26'
Cut	S M L		
Depth	3'	3'	3'
Year			
Pipe Cond.		LN - F (P) - VP	LN - F (P) - VP
Coat Cond.		G - MD - ED	
Pit Depth			
# of Fts	1		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	150
Elpsd. PSI Time	02
Patch Size Length	
Width	

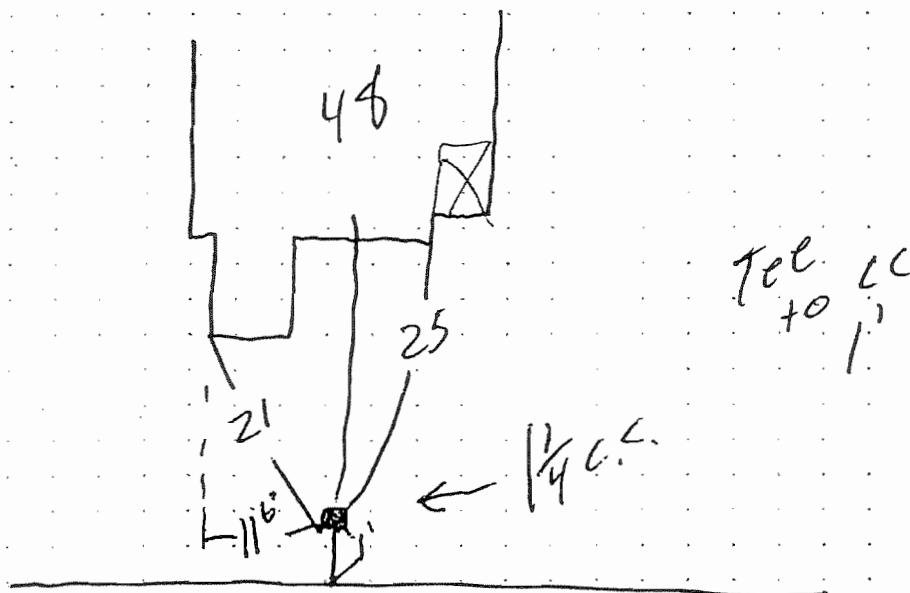
Restoration Needed ☒Restoration Done ☒

Bill to Customer?

☐ Yes☐ No

Enter Other Completion Information And Restoration Information on Back





Line of Main

### Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

### Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:	20032806632	7/9
Permit Required:		
Town	Date Sent	Date Rec'd
State	8/20/03	
	Permit #	
Water Notification:	<input checked="" type="checkbox"/>	Date Called
Sewer Notification:	<input checked="" type="checkbox"/>	Date Called

### Stamps:

PRO SCAN  
08 2 2 2003  
COMPLETED

### Completion Data:

Comments:	
Completed Date	Date Started
7/9/03	7/9/03
Completed Units	Signature
	BRADY



# Distribution Work Order

B04D5071

Bay State Gas Company

JUL 30 2004

Project I.D.

AG-2-17 Attachment C

Page 40 of 47

**COMPLETED**

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	OAKLAND AVE		5556066-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	Work Phone
At Intersection	Customer Account #	Initiated Date	Initiated Time	
		04/22/2004	11:53	
Kit and Grid #	To Intersection	CCS Number	Source	
171 354340		0-0-0	EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name	
			NGUYEN WAYNE	

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	
		Leak Priority	Employee Assigned
			0159
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
TIE IN NEW 2" PP MAIN		1431	
	Dig Safe #	Contr. Crew Assigned	
		NEW CG	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	6"	
Pipe Type	PP	PP	
Coat Type	Bare	Bare	
Pressure	Inter	Inter	
Length	0		
Cut	(S) M L		S M L
Depth	36	36	
Year		04	
Pipe Cond.	(LN) F - P - VP	(LN) F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	150
Elpsd. PSI Time	1-HR
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐



**Sketch:**

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 41 of 47

See LL

Line of Main

**Restoration Data:**

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	<input type="checkbox"/>		
Signature	<input type="checkbox"/>		

**Permit Data:**

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>
<b>Notification:</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Permit Required:</b>		
<b>Town</b>	<b>Date Sent</b>	<b>Date Rec'd</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>State</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Water Notification:</b>	<input type="checkbox"/>	<b>Date Called</b>
<b>Sewer Notification:</b>	<input type="checkbox"/>	<b>Date Called</b>

**Stamps:**

PRO SCAN  
JUL 02 2004  
COMPLETED

**Completion Data:**

<b>Comments:</b>	<input type="checkbox"/>		
<b>Completed Date</b>	<b>Date Started</b>		
<input type="checkbox"/>	<input type="checkbox"/>		
<b>Completed Units</b>	<b>Signature</b>		
<input type="checkbox"/>	<input type="checkbox"/>		



# Distribution Work Order

B04D5071

PRO SCAN  
Bay State Gas Company  
D.F.E. 05-27  
Attachment C  
Page 42 of 47  
JUL 30 2004  
Project I.D.

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	OAKLAND AVE		5556049-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
171 354340		0-0-0	EMPLOYEE	04/22/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			NGUYEN WAYNE	11:46

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		
		Leak Priority	Employee Assigned
			0159
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
REPLACE 150' OF 2" PP MAIN ABANDON 150' OF 6" CI MAIN			1431
	Dig Safe #	Contr. Crew Assigned	
			NEUCO
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2"	2"	6"
Pipe Type	PLASTIC	PP	PP
Coat Type	BARE	Bare	Bare
Pressure	INTERMEDI	INTER	
Length	150	124	
Cut		S M L	S M L
Depth		34	
Year	2004	04	
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	150
Elpsd. PSI Time	1-HR
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐

**Sketch:**

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment C

Page 43 of 47

*See 26*

Line of Main \_\_\_\_\_

**Restoration Data:**

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

**Permit Data:**

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>
<b>Notification:</b>	_____	_____
<b>Permit Required:</b>		
<b>Town</b>	<b>Date Sent</b>	<b>Date Rec'd</b>
<input type="checkbox"/>	_____	_____
<b>State</b>	<b>Permit #</b>	
<input type="checkbox"/>	_____	_____
<b>Water Notification:</b>	<input type="checkbox"/>	<b>Date Called</b> _____
<b>Sewer Notification:</b>	<input type="checkbox"/>	<b>Date Called</b> _____

**Stamps:**

**Completion Data:**

**PRO SCAN**  
JUL 02 2004  
**COMPLETED**

<b>Comments:</b>	
<b>Completed Date</b>	<b>Date Started</b>
<b>Completed Units</b>	<b>Signature</b>



B04D5071

PRO-SCAN  
Bay State Gas Company  
D 12-05-27  
AG-2-17 Attachment C  
Page 44 of 47

## Distribution Work Order

Project I.D. JUL 30 2004

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	OAKLAND AVE		5556049-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	Work Phone
At Intersection	Customer Account #	Initiated Date	Initiated Time	
		04/22/2004	11:46	
Kit and Grid #	To Intersection	CCS Number	Source	
171 354340		0-0-0	EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name	
			NGUYEN WAYNE	

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		6-15-04
		Leak Priority	Employee Assigned
			333
		Cause of Leak	BSG Crew Assigned
			333
		Dig Safe #	Contr. Crew Assigned
		Job Priority	

Outgoing Comments

REPLACE 150' OF 2" PP MAIN  
ABANDON 150' OF 6" CI MAIN

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	2 "		6"
Pipe Type	PLASTIC		CI
Coat Type	BARE		
Pressure	INTERMEDT		LOW
Length	150		124
Cut	S M L		S M L
Depth			36"
Year	2004		1912
Pipe Cond.	LN - F - P - VP	LN - F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits	0		
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input type="checkbox"/>
Flow Limiter Installed	<input type="checkbox"/>
Flow Limiter Tagged	<input type="checkbox"/>
Curb Cock Installed	<input type="checkbox"/>
Meter Barrier Installed	<input type="checkbox"/>
Meter Fit Installed	<input type="checkbox"/>
Inside	<input type="checkbox"/>
Outside	<input type="checkbox"/>
Soap Test	<input type="checkbox"/>
Pressure Test	<input type="checkbox"/>
Pounds/Square Inch	<input type="text"/>
Elpsd. PSI Time	<input type="text"/>
Patch Size Length	<input type="text"/>
Width	<input type="text"/>

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐

# Sketch:

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 45 of 47

Line of Main \_\_\_\_\_

## Restoration Data:

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	<input type="checkbox"/>		
Signature	<input type="checkbox"/>		

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
Town	Date Sent	Date Rec'd
State		
Permit #		
Water Notification:	Date Called	
Sewer Notification:	Date Called	

## Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	<input type="checkbox"/>		
Completed Date	Date Started		
Completed Units	Signature		

(4) CMS #810

PRO SCAN  
Bay State Sewer Company  
D.T. # 06-27  
Project I.D. JUN 17 2003 Attachment C Page 46 of 47

# Distribution Work Order

## Identification:

At House	To House	Street Name	Location Phone	<b>COMPLETER</b> Work Order # 5243341-1		
0	0	OAKLAND AVE				
Bldg. #	Unit #	Apt. #	Suite #	Town	Work Phone	Initiated Date
				ATTLEBORO		06/05/2003
At Lot	To Lot	At Pole	To Pole	At Intersection	Customer Account #	Initiated Time
						09:16
Kit and Grid #	To Intersection	CCS Number	Source			
171 354340		0-0-0	EMPLOYEE			
Customer Name	Entered By	Digging Conditions	Source Name			
			WILBUR ALFRED H			

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
RTSR	RETIRE SERVICE - REPORTABLE	1	06/05/2003
		Leak Priority	Employee Assigned
			WILBUR, ALFRED
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
ABANDON - CUT OFF STUB.			
	Dig Safe #	Contr. Crew Assigned	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size		6"	2"
Pipe Type		CI	Steel
Coat Type		base	base
Pressure		Low	Low
Length			26
Cut	S M L		S M L
Depth		36"	36"
Year		1912	1931
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input type="checkbox"/>
Pounds/ Square Inch	
Elpsd. PSI Time	
Patch Size Length	6
Width	4

COMPLETED  
ECL

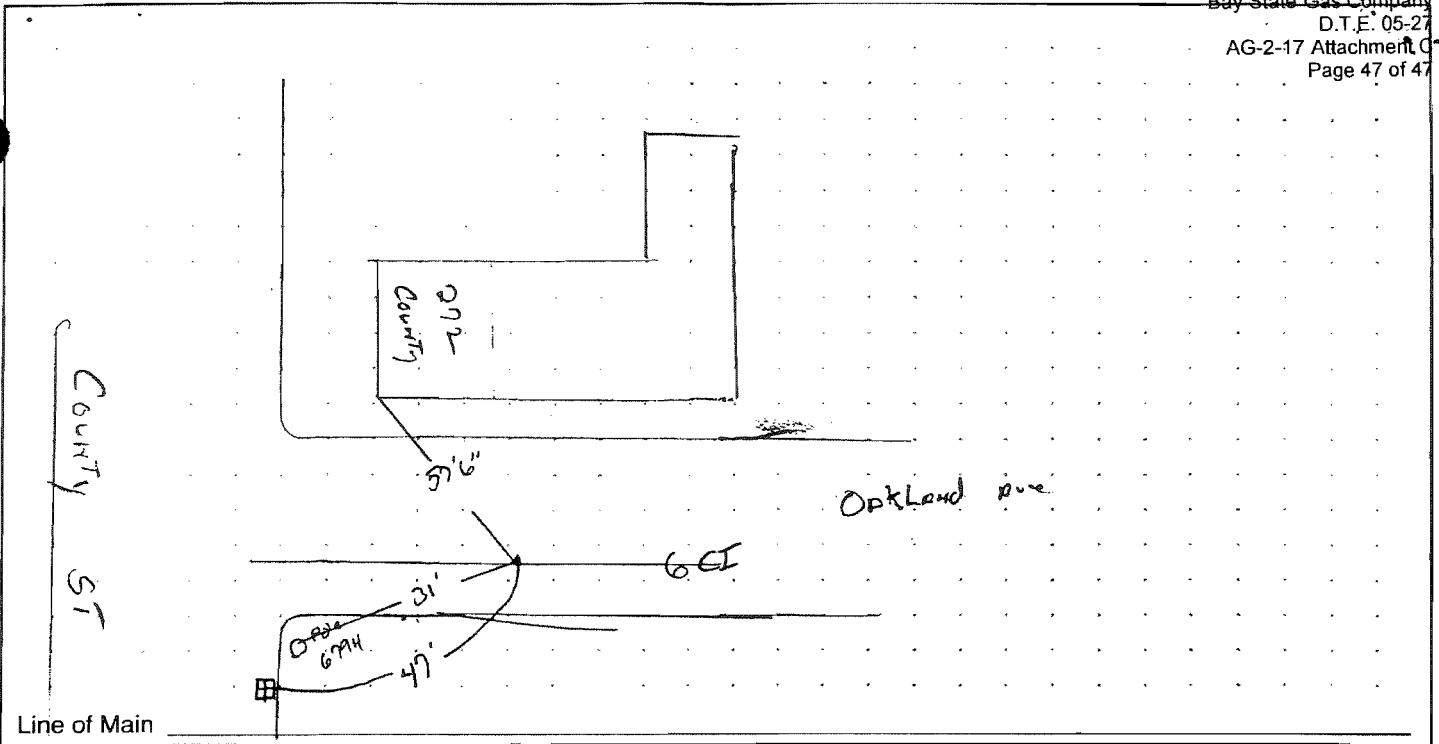
Restoration Needed ☒

Restoration Done ☐

Bill to Customer? ☐

# Sketch:

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment C  
Page 47 of 47



## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Water Notification:	Date Called	
Sewer Notification:	Date Called	

## Stamps:

PRO SCAN  
JUN 17 2003  
COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature



Attachment D

Thatcher Street, Attleboro

Project ID B04D068

Project ID# B04D5068

**Work Code**

MRMIC

ROR / MIS:

N/A

**Hurdle Rate:**

Page 2 of 22

DESCRIPTION OF PROJECT: MAIN REPLACEMENT - DUE TO MUNICIPAL IMPROVEMENT

This is a municipal improvement project. The road is scheduled to be repaved in 2004. We are replacing the old 6" BS with 6" plastic main and tying over the services to our 99-psig system. Due to its age and poor condition, it is recommend to be replaced.

# Services

6

Total Service Cost \$

N/A

Cust. Contribution

N/A

COST RECORD		Budget	Actual	Variance	Today's Date: 3/11/2004
Materials		\$15,564			* Start Date: 5/12/04
Company Labor		\$5,455			Comp Date: 6/17/04
Purchases		\$35,093			Estimator: DER
Overheads		\$7,563			Sales Rep:
Total		\$63,675			CIS #:

<b>Total cost estimated:</b>	<b>\$63,675</b>	<b>Total services w/o overhead:</b>	<b>N/A</b>
		<b>Total mains w/o overhead:</b>	<b>\$56,113</b>

Pipe Added Street Name and Town	Pipe		Footage		W.O. # Install	W.O. # Tie-in
	Size	Type	Estimate	Actual		
Thatcher Street Attleboro	6"	PP	1125	1037'	5532053	5532056
				20	<del>55</del>	5575805
				19		5575799
				13		5532056

Pipe Retired		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
Church Street	Attleboro	6	BS	1125	1125'	5332053	
	19a7						

New	<\$5k	\$5k<\$10k	\$10k<\$100k	>\$100k	Date
Business	Engineering Tech	Operations Engineer	Senior Engineer	Mgr. Eng:	
Name:				New Bus. Mgr:	
Date:				Dir. Finance:	
	New Business Rep.	New Business Team Leader	New Business Team Leader	VP Tech. Ops:	
Name:					
Date:					

Replacement	<\$10k	\$10k<100k	\$100k<\$250k	All Jobs >=\$250k	Date
& Other	Operations Engineer	Senior Engineer	Senior Engineer	Mgr. Eng:	
Name:	Wayne A. Myrnes	KLQ		Dir. Finance:	
Date:	3/19/04	3/26/04		VP Tech Ops:	
			Mgr. Engineer	VP Finance:	
Name:				President:	
Date:					

Project ID# B04D5068

Work Code

MRMIC

ROR / MIS:

N/A

Hurdle Rate:

AG-2-17 Attachment B  
Page 3 of 22

DESCRIPTION OF PROJECT: MAIN REPLACEMENT - DUE TO MUNICIPAL IMPROVEMENT

New

A supplemental blue sheet is to detail the projects overrun. Further explanation is attached.

# Services 6Total Service Cost \$ N/ACust. Contribution N/A

COST RECORD	Budget	Actual	Variance	Today's Date: 1/3/2005
Materials	(\$5,998)			Start Date: <u>5/12/04</u>
Company Labor	\$9,440			Comp Date: <u>6/17/04</u>
Purchases	\$46,447			Estimator: <u>NJS</u>
Overheads	\$34,775			Sales Rep:
Total	\$84,664			CIS #:

Total cost estimated:	\$84,664	Total services w/o overhead:	N/A
		Total mains w/o overhead:	\$49,889

Pipe Added Street Name and Town	Pipe		Footage		W.O. #	W.O. #
	Size	Type	Estimate	Actual	Install	Tie-in
Thatcher Street                      Attleboro	6"	PP	35	35	5532053	5532056

Pipe Retired		Pipe		Footage		W.O. #	W.O. #
Street Name and Town		Size	Type	Estimate	Actual	Install	Tie-in
Thatcher Street	Attleboro	6	BS	35	35	5532052	5532056

New	<\$5k	\$5k<\$10k	\$10k<\$100k	>\$100k	Date
Business	Engineering Tech	Operations Engineer	Senior Engineer	Mgr. Eng:	
Name:				New Bus. Mgr.	
Date:				Dir. Finance:	
	New Business Rep.	New Business Team Leader	New Business Team Leader	VP Tech. Ops:	
Name:					
Date:					

Replacement	<\$10k	\$10k<\$100k	\$100k<\$250k	All Jobs >=\$250k	Date
& Other	Operations Engineer	Senior Engineer	Senior Engineer	Mgr. Eng:	
Name:	<u>Wayne A. Nyquist</u>		<u>none</u>	Dir. Finance:	
Date:	<u>11/25/05</u>			VP Tech Ops:	
	<u>DRS / Mark</u>		<u>Mgr. Engineer</u>	VP Finance:	
Name:	<u>John A. Galt</u>		<u>1/31/05</u>	President:	
Date:	<u>2/18/04</u>				

Don

Bay State Gas  
Thatcher Street  
From: Horthome St.  
To: South Ave

Attleboro

Length: 1125 feet  
Size: 6 " PP

Project ID #: B04D5068

Estimated: 6/29/2005

by: DEP.

#### MATERIAL

Quantity	Description	Price	Cost
1125	feet of Plastic Pipe @	\$3.32 per foot	\$3,735.00
7	6-in P.C @	\$605.75 each	\$4,240.25
7	6-in Steel Valve @	\$620.75 each	\$4,345.25
7	6-in Trans. Fit @	\$80.50 each	\$563.50
14	6-in 90-deg Weld Elbow	\$18.83 each	\$263.62
14	6-in Weld End Cap @	\$7.28 each	\$101.92
6	Service Stock	\$150.00 each	\$900.00
	Miscellaneous Fittings add	10.00%	\$1,414.95
		Sub Total	\$15,564.49
	Overhead	23.60%	\$3,673.22
		Total	\$19,237.71

#### COMPANY LABOR

Hours			
69	Inspector hrs.	\$28.64 per hour	\$1,976.16
0	Sm. Tie-in Crew hrs.	\$55.54 per hour	\$0.00
28	Lg. Tie-in Crew hrs.	\$80.85 per hour	\$2,263.80
42	Welder	\$28.64 per hour	\$1,202.88
0.5	Administrative work	\$25.00 per hour	\$12.50
		Sub Total	\$5,455.34
	Overhead	71.30%	\$3,889.66
		Total	\$9,345.00

#### CONTRACTOR CHARGES

<u>LABOR</u>			
1125	feet of paved	\$11.68 per unit	\$13,140.00
0	feet of unpaved	\$9.43 per foot	\$0.00
0	ft of open trench, no bkfil	\$5.29 per foot	\$0.00
0	ft of open trench, bkfil to tape	\$6.29 per foot	\$0.00
0	ft of open trench, bkfil	\$6.60 per foot	\$0.00
0	service tie-over	\$500.00 each	\$0.00
28	hrs. for backhoe	\$62.06 per hr.	\$1,737.68
114	hrs. for traffic control	\$38.00 per hr.	\$4,332.00
0	hrs of hole hog	\$272.36 per unit	\$0.00
0	ln. ft of sawcut	\$1.60 per foot	\$0.00
22.5	boulder removal	\$52.38 per cu. yd.	\$1,178.55
0	ledge removal	\$235.70 per cu. yd.	\$0.00
<u>RESTORATION</u>			
93.75	sq. yds. of permanent patch	\$35.56 per cu. yd.	\$3,333.75
281.25	sq. yds. of temporary patch	\$35.56 per cu. yd.	\$10,001.25
0	sq. yds. of loam & seed	\$6.55 per cu. yd.	\$0.00
0	Ln. ft of infared	\$12.50 per foot	\$0.00
75.0	cu. yds. of sand	\$13.46 per cu. yd.	\$1,009.50
22.5	cu. yds. of gravel	\$13.78 per cu. yd.	\$310.05
	permit	\$50.00 per project	\$50.00
	contingency	0.00%	\$0.00
	additional		
		Total	\$35,092.78

Overhead Total	\$7,562.88
Sub Total	\$56,112.61
Grand Total	\$63,675.49

# **EXPLANATION OF PROJECT OVERRUN** **B04D5068 Thatcher St. Attleboro**

The town of Attleboro mandated that all the fill that was removed had to be hauled away and clean fill be brought in. The trench then had to be backfilled even with the pavement and left to be packed down by traffic and water. Once the trench was packed, it once again had to be dug out and paved.

The process that was mandated for this project caused the expected time for completion of the project to increase significantly. This increase in time that was needed in order to complete the project in turn increased the cost of police detail, \$12,824.32, as well as the contractor cost, \$33,623.20.

Between the excess disposal fees, the purchase of fill materials, the project ran significantly over budget.

<b>B04D5071 Thatcher St. Attleboro</b>	<b>Estimated</b>	<b>Actual</b>	<b>Variance</b>
Payroll	\$5,455.00	\$14,895.46	\$9,440.46
Contractor	\$30,710.78	\$64,333.98	\$33,623.20
Police Detail	\$4,332.00	\$17,156.32	\$12,824.32
Materials	\$15,564.00	\$9,565.60	(\$5,998.40)
2"Pipe Footage	0.00	700.00	700.00
6"Pipe Footage	1125	1160	35.00
Unit Cost	\$49.88	\$91.41	\$41.53
Total	\$56,112.00	\$106,001.31	\$49,889.31



CITY OF ATTLEBORO, MASSACHUSETTS  
PUBLIC WORKS DEPARTMENT  
STREET SIDEWALK PERMIT

Permit Number BSG #2004-0070

Fee: Street Opening = \$325.00 ( ) Date: 04-16-04

Inspection = \$50.00 (X) Expiration Date (60 days): 06-16-04

Misc: \_\_\_\_\_ = \$150.00 ( ) Dig Safe No. 20041403929

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment D

Page 6 of 22

WATER DEPARTMENT  
MUST BE NOTIFIED IN  
ADVANCE OF STREET  
OPENING. TEL: (508) 222-  
7220, OR (508) 222-0019.  
APPLY FOR RENEWAL  
PRIOR TO EXPIRATION  
OF THIS PERMIT.  
DIG SAFE # EXPIRES  
AFTER 30 DAYS. NEW  
DIG SAFE # REQUIRED  
PRIOR TO EXPIRATION  
OF DIG SAFE #.

Name of Contractor Bay State Gas Co. Address 995 Belmont Street Tele 508-580-0100

Owners Name \_\_\_\_\_ Address \_\_\_\_\_ Tele \_\_\_\_\_

Nature of Business Extend Gas Main

Street and/or Sidewalk Location Thacher Street from Hawthorne @ Anderson Avenue to # 551 Thacher Street

1. Continuing performance bond for multiple permits \$5000.00 and up \_\_\_\_\_
2. Indemnification and Liability Insurance: ( ) A. \$100,000 - Bodily Injury  
( ) B. \$50,000 - Property Damage
3. Condition of Permit - Refer to Superintendent of Public Works - Ordinance 16-6.8
4. Certification of Restoration - Approved by Superintendent of Public Works
5. Revocation of Permit - Superintendent of Public Works on Ordinance 16-6.10
6. Penalties - Superintendent of Public Works on Ordinance 16-6.11 (\$200.00 First Offense, \$400.00 Second Offense)
7. Condition:

A. Sawcut (X) B. Backfill with Fresh Materials (X) C. Compact 95% (X)

D. Top with 3" of Concrete (X) E. Overlay with Hot Mix (X) F. Infrared/Grind (X) G. Flowable Fill (X)

8. Policing: (X) Required ( ) Not Required

In accordance with the provisions of Section 16-6-8 of the Ordinances of the City of Attleboro this permit is granted with the understanding that all precautions will be taken to protect the public in the use of this street and/or sidewalk both day and night and that the street and/or sidewalk will be restored to its acceptable condition prescribed by the Superintendent of Public Works 16-6.9. The contractor shall notify the Public Works Department 16-6.8 C forty-eight hours (48) to start work. (Return one copy of permit to the Office of Superintendent of Public Works upon completion of work) NOTIFY HIGHWAY FOREMAN 24 HOURS BEFORE BACKFILLING AT: (508) 222-0006

PUBLIC WORKS (508) 223-2222, EXT#3160 \_\_\_\_\_

Contractor Signature, Title, Liability, & Telephone

Signature Superintendent of Public Works Issuance of Permit

City Collector

Approved \_\_\_\_\_ Denied \_\_\_\_\_

Date \_\_\_\_\_ Initials \_\_\_\_\_



B04D5068

AG-2-17 Attachment D

Project I.D.

Page 1 of 2

## Distribution Work Order

COMPLETED

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER		5575801-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
				RATHBUN WILLARD DR
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
		0-0-0	CONTRACTOR	05/14/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			D. RICE-BSG ENG.	08:33

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	05/14/2004
		Leak Priority	Employee Assigned
			CRUFF JR, CHARL
			333
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
TIE IN REPLACEMENT MAIN.		333	
	Dig Safe #	Contr. Crew Assigned	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size		9"	
Pipe Type		PLASTIC	
Coat Type		BRAS	
Pressure		12164	
Length			
Cut	S M L		S M L
Depth		36"	
Year		2004	
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI	
Time	
Patch Size	
Length	
Width	

Restoration Needed



Restoration Done



Bill to Customer?





# Sketch:

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment D  
Page 8 of 22

SEE LOOSE LEAF

Line of Main

## Restoration Data:

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Size	<input type="checkbox"/>		
Signature	<input type="checkbox"/>		

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:	<input type="checkbox"/>	<input type="checkbox"/>
Permit Required:		
Town	Date Sent	Date Rec'd
State	<input type="checkbox"/>	<input type="checkbox"/>
Water Notification:	Date Called	<input type="checkbox"/>
Sewer Notification:	Date Called	<input type="checkbox"/>

## Stamps:

PRO SCAN  
JUL 02 2004  
COMPLETED

## Completion Data:

Comments:	<input type="checkbox"/>
Completed Date	Date Started
Completed Units	Signature



Project I.D.

Bay State Gas Company

PRO SCAN

AG-2-17 Attachment D

Page 9 of 22

30405068 OCT 12 2004

## Manual Distribution Work Order

## Identification:

COMPLETED

House #

Street Name

THAYER ST

Work Order #

5532056

Other Identifying Information

@ ANDERSON AVE END

Town

ATTLEBORO

Date

6-1-04

Customer Name

Filled Out By

0260

Phone

## Work:

Work Description

Leak Priority

Scheduled Date

6-1-04

Cause of Leak

Employee Assigned

0260

Dispatcher Comments

BSG Crew Assigned

1178

Contr. Crew Assigned

NEW CO

4/22/04

## Pipe Data:

## Other Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"		
Pipe Type	PP		
Coat Type	BARE		
Pressure	12.5'		
Length	12.5'		
Cut	SM L		
Depth	36"		
Year			
Pipe Cond.		LN - F - P - VP	LN - F - P - VP
Coat Cond.		G - MD - ED	
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Surf Cook VALVE Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	150
Elpsd. PSI Time	1hr
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐

Bill to Customer?

☐ Yes☐ No

Enter Other Completion Information And Restoration Information on Back

# Sketch:

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment D  
Page 10 of 22

See loose leaf  
Page 576

Line of Main \_\_\_\_\_

## Restoration Data:

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

## Permit Data:

Dig Safe:	Ticket #	Date Effective
Notification:	_____	_____
Permit Required:		
	Date Sent	Date Rec'd
Town <input type="checkbox"/>	_____	_____
State <input type="checkbox"/>	_____	_____
Permit #	_____	
Water Notification: <input type="checkbox"/>	Date Called	_____
Sewer Notification: <input type="checkbox"/>	Date Called	_____

## Stamps:

PRO SCAN

JUL 02 2004

COMPLETED

## Completion Data:

Comments:	
Completed Date	Date Started
Completed Units	Signature



# Distribution Work Order

PRO SCAN  
Bay State Gas Company  
D-T-E-05-27  
AG-212004  
Page 1 of 22

B04D5068

OCT 1 2004

Project I.D.

COMPLETED

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER ST		5532056-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
				HAWTHORNE
Kit and Grid #	To Intersection	CCS Number	Source	
		0-0-0	EMPLOYEE	
Customer Name	Entered By	Digging Conditions	Source Name	
			NGUYEN WAYNE	

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	
		Leak Priority	Employee Assigned
			0260
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
TIE IN NEW 6" PP MAIN			1178
<del>AT HAWTHORNE AND</del>	Dig Safe #	Contr. Crew Assigned	
<del>AND</del>			NEW
<del>AND</del>	Job Priority		
<del>AND</del>			

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"		
Pipe Type	PP		
Coat Type	BARE		
Pressure	I		
Length			
Cut	S M L		S M L
Depth	36"		
Year			
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	Y
Flow Limiter Installed	N
Flow Limiter Tagged	N
Meter Barrier Installed	Y
Meter Fit Installed	N
Inside	N
Outside	Y
Soap Test	Y
Pressure Test	Y
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

Restoration Needed



Restoration Done



Bill to Customer?



**Sketch:**

Bay State Gas Company  
D.T.E. 05-27  
AG-2-17 Attachment D  
Page 12 of 22

See loose leaf  
page

Line of Main \_\_\_\_\_

**Restoration Data:**

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size			
Signature			

**Permit Data:**

Dig Safe:	Ticket #	Date Effective
Notification:		
Permit Required:		
	Date Sent	Date Rec'd
Town		
State		
Permit #		
Water Notification:	<input type="checkbox"/>	Date Called
Sewer Notification:	<input type="checkbox"/>	Date Called

**Stamps:**

**PRO SCAN**  
JUL 02 2004  
**COMPLETED**

**Completion Data:**

Comments:	
Completed Date	Date Started
6-10-04	6-10-04
Completed Units	Signature
	CEA



# Distribution Work Order

B04D5068

Bay State Gas Company  
AG-2-17 Attachment D  
Page 1 of 2  
OCT 12 2004

Project I.D.

COMPLETED

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER ST		5575805-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
				VERNDALE AVE
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
		0-0-0	CONTRACTOR	05/14/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			D. RICE-BSG ENG.	08:36

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	05/14/2004
		Leak Priority	Employee Assigned
			CRUFF JR, CHARL
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
TIE IN REPLACEMENT MAIN.		1178	
	Dig Safe #	Contr. Crew Assigned	
		NEU CO	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	4"		
Pipe Type	PP		
Coat Type	BAPE		
Pressure	I		
Length	19 1/2		
Cut	(S) M L		S M L
Depth	36"		
Year			
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Comb. Cock/ALVE Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐



**Sketch:**

*See loose leaf  
Page #10*

Line of Main \_\_\_\_\_

**Restoration Data:**

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

**Permit Data:**

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>
<b>Notification:</b>	_____	_____
<b>Permit Required:</b>		
	<b>Date Sent</b>	<b>Date Rec'd</b>
<b>Town</b>	_____	_____
<b>State</b>	_____	_____
<b>Water Notification:</b>	<b>Date Called</b> _____	
<b>Sewer Notification:</b>	<b>Date Called</b> _____	

**Stamps:**

PRO SCAN  
JUL 02 2004  
COMPLETED

**Completion Data:**

<b>Comments:</b>	
<b>Completed Date</b>	<b>Date Started</b>
<b>Completed Units</b>	<b>Signature</b>



B04D5068

004-2-17

Attachment NO  
Page 1 of 22

# Distribution Work Order

Project I.D.

COMPLETED

## Identification:

At House 0	To House 0	Street Name THACHER ST	Location Phone	Work Order # 5575799-1
Bldg. #	Unit #	Apt. #	Suite #	Town ATTLEBORO
At Lot	To Lot	At Pole	To Pole	Work Phone
At Intersection HAWTHORNE ST	Customer Account #	Initiated Date 05/14/2004	Initiated Time 08:22	
Kit and Grid #	To Intersection	CCS Number 0-0-0	Source CONTRACTOR	
Customer Name	Entered By	Digging Conditions	Source Name D. RICE-BSG ENG.	

## Work:

Work Code TRMIC	Work Description MAIN-REPL-TIEIN-MUNIMP	Estimated Units 1	Scheduled Date 05/14/2004
		Leak Priority	Employee Assigned CRUFF JR, CHARL
Outgoing Comments TIE IN REPLACEMENT MAIN.		Cause of Leak	BSG Crew Assigned 1178
		Dig Safe #	Contr. Crew Assigned NLUED
		Job Priority	

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	4"		
Pipe Type	PP		
Coat Type	BARE		
Pressure	I		
Length	19'		
Cut	S M L		S M L
Depth	36"		
Year			
Pipe Cond.	LN-F-P-VP	LN-F-P-VP	LN-F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Comb-Cock UAL Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

Restoration Needed <input type="checkbox"/>	Restoration Done <input type="checkbox"/>	Bill to Customer? <input type="checkbox"/>
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**Sketch:**

Bay State Gas Company

D.T.E. 05-27

AG-2-17 Attachment D

Page 16 of 22

See Louis Log  
Page #11

Line of Main

**Restoration Data:**

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

**Permit Data:**

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>
<b>Notification:</b>		
<b>Permit Required:</b>		
	<b>Date Sent</b>	<b>Date Rec'd</b>
<b>Town</b>		
<b>State</b>		
<b>Water Notification:</b>		<b>Date Called</b>
<b>Sewer Notification:</b>		<b>Date Called</b>

**Stamps:**

PRO SCAN  
JUL 02 2004  
COMPLETED

**Completion Data:**

<b>Comments:</b>	
<b>Completed Date</b>	<b>Date Started</b>
<b>Completed Units</b>	<b>Signature</b>



# Distribution Work Order

PRO SCAN Bay State Gas Company  
D.I.E. 05-27  
AG-217 Attachment D  
Page 1 of 2  
Project I.D.

B04D5068

OCT 1 2 2004

COMPLETED

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER ST		5575809-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
				GREENHILL AVE
Kit and Grid #	To Intersection	CCS Number	Source	
		0-0-0	CONTRACTOR	
Customer Name	Entered By	Digging Conditions	Source Name	
			D. RICE-BSG ENG.	

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
TRMIC	MAIN-REPL-TIEIN-MUNIMP	1	05/14/2004
		Leak Priority	Employee Assigned
			CRUFF JR, CHARL
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
TIE IN REPLACEMENT MAIN.		1128	
	Dig Safe #	Contr. Crew Assigned	
		NEUCCO	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	4"		
Pipe Type	PP		
Coat Type	BARE		
Pressure	I		
Length	12 1/2		
Cut	S M L		S M L
Depth	36"		
Year			
Pipe Cond.	LN - F - P - VP	LN - F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits			
Fit Size			
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Gate Valve Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

COMPLETED FOR

Restoration Needed ☐

Restoration Done ☒

Bill to Customer? ☐

**Sketch:**

Bay State Gas Company  
D.T.E. 06-27  
AG-2-17 Attachment D.  
Page 18 of 22

See front leaf  
Page # 3 + 9

Line of Main

**Restoration Data:**

	Required	Done	Date Done
Sand			
Gravel			
Base Coat			
Cold Patch			
Hot Patch			
Flow Fill			
Infra-Red			
Concrete			
Loam & Seed			
Other			
Size			
Signature			

**Permit Data:**

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>	
<b>Notification:</b>			
<b>Permit Required:</b>			
	<b>Date Sent</b>	<b>Date Rec'd</b>	<b>Permit #</b>
<b>Town</b>			
<b>State</b>			
<b>Water Notification:</b>		<b>Date Called</b>	
<b>Sewer Notification:</b>		<b>Date Called</b>	

**Stamps:**

PRO SCAN  
JUL 02 2004  
COMPLETED

**Completion Data:**

<b>Comments:</b>	
<b>Completed Date</b>	<b>Date Started</b>
<b>Completed Units</b>	<b>Signature</b>



# Distribution Work Order

B04D5068

PRO SCAN  
AG-2-17 Attachment D  
Page 1 of 22

Project I.D.

OCT 1 2 2004

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER ST		5532053-1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	CCS Number	Source	Initiated Date
		0-0-0	EMPLOYEE	03/24/2004
Customer Name	Entered By	Digging Conditions	Source Name	Initiated Time
			NGUYEN WAYNE	11:33

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		
		Leak Priority	Employee Assigned
			02600
Outgoing Comments	Cause of Leak	BSG Crew Assigned	
REPLACE 1125' OF 6" PP MAIN ABANDON 1125' OF 6" BS 1927 MAIN 4/22/04			1178
	Dig Safe #	Contr. Crew Assigned	
		NEUCO	
	Job Priority		

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"		
Pipe Type	PP		
Coat Type	PLASTIC		
Pressure	BARE		
Length	I		
Cut	103		
Depth	⑤ M L		S M L
Year	36"		
Pipe Cond.	LN F-P-VP	LN F-P-VP	LN F-P-VP
Coat Cond.	G-MD-ED	G-MD-ED	G-MD-ED
Pit Depth			
# of Fits			
Fit Size	0		
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Curb VALVES Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	163
Elpsd. PSI Time	4HR
Patch Size Length	
Width	

Restoration Needed ☐Restoration Done ☐Bill to Customer? ☐

**Sketch:**

Bay State Gas Company  
D.T.E. 06-27  
AG-2-17 Attachment D  
Page 20 of 22

*See loose leaf*

Line of Main \_\_\_\_\_

**Restoration Data:**

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	<input type="text"/>		
Signature	<input type="text"/>		

**Permit Data:**

<b>Dig Safe:</b>	Ticket #	Date Effective	
<b>Notification:</b>	<input type="text"/>	<input type="text"/>	
<b>Permit Required:</b>			
	Date Sent	Date Rec'd	Permit #
Town <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
State <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Water Notification:</b>	<input type="checkbox"/>	Date Called	<input type="text"/>
<b>Sewer Notification:</b>	<input type="checkbox"/>	Date Called	<input type="text"/>

**Stamps:**

PRO SCAN

JUL 02 2004

COMPLETED

**Completion Data:**

<b>Comments:</b>	<input pp"="" type="text" value="Installer 1037 96"/>		
<b>Completed Date</b>	<input type="text" value="5-27-04"/>	<b>Date Started</b>	<input type="text" value="5-12-04"/>
<b>Completed Units</b>	<input type="text"/>	<b>Signature</b>	<input type="text" value="CHAY"/>





PRO SCAN Bay State Gas Company

B04D5068

OCT 1 2 2004

Project I.D.

## Distribution Work Order

COMPLETED

## Identification:

At House	To House	Street Name	Location Phone	Work Order #
0	0	THACHER ST		5532053 - 1
Bldg. #	Unit #	Apt. #	Suite #	Town
				ATTLEBORO
At Lot	To Lot	At Pole	To Pole	At Intersection
Kit and Grid #	To Intersection	Customer Account #	Initiated Date	Initiated Time
		0-0-0	03/24/2004	11:33
Customer Name	Entered By	Digging Conditions	Source	Source Name
			EMPLOYEE	NGUYEN WAYNE

## Work:

Work Code	Work Description	Estimated Units	Scheduled Date
MRMIC	MAIN REPL - MUNICIPAL		6-17-04
		Leak Priority	Employee Assigned
			353
		Cause of Leak	BSG Crew Assigned
			333
		Dig Safe #	Contr. Crew Assigned
		Job Priority	

Outgoing Comments

REPLACE 1125' OF 6" PP MAIN  
ABANDON 1125' OF 6" BS 1927 MAIN

*6/22/04*

## Pipe Data:

	New Pipe	Exposed Pipe	Retired Pipe
Pipe Size	6"		6"
Pipe Type	PLASTIC		STEEL
Coat Type	BARE		BARE
Pressure	INTERMEDT		INTERM
Length	1125		1125'
Cut	S M L		S M L
Depth			2'
Year	2004		1927
Pipe Cond.	LN - F - P - VP	LN - F - P - VP	LN - F - P - VP
Coat Cond.	G - MD - ED	G - MD - ED	G - MD - ED
Pit Depth			
# of Fits			
Fit Size	0		
Rate Class			

## Other Data:

Anode Inst.	<input checked="" type="checkbox"/>
Flow Limiter Installed	<input checked="" type="checkbox"/>
Flow Limiter Tagged	<input checked="" type="checkbox"/>
Curb Cock Installed	<input checked="" type="checkbox"/>
Meter Barrier Installed	<input checked="" type="checkbox"/>
Meter Fit Installed	<input checked="" type="checkbox"/>
Inside	<input checked="" type="checkbox"/>
Outside	<input checked="" type="checkbox"/>
Soap Test	<input checked="" type="checkbox"/>
Pressure Test	<input checked="" type="checkbox"/>
Pounds/Square Inch	
Elpsd. PSI Time	
Patch Size Length	
Width	

COMPLETED  
ECLRestoration Needed ☒Restoration Done ☐Bill to Customer? ☐



### Sketch:

Bay State Gas Company

~~D.F.E. 05-27~~

AG-2-17 Attachment D

Page 22 of 22

Line of Main

### Restoration Data:

	Required	Done	Date Done
Sand	<input type="checkbox"/>	<input type="checkbox"/>	
Gravel	<input type="checkbox"/>	<input type="checkbox"/>	
Base Coat	<input type="checkbox"/>	<input type="checkbox"/>	
Cold Patch	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Patch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Flow Fill	<input type="checkbox"/>	<input type="checkbox"/>	
Infra-Red	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	
Loam & Seed	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Size	5x6 x 5x6		
Signature			

### Permit Data:

<b>Dig Safe:</b>	<b>Ticket #</b>	<b>Date Effective</b>
<b>Notification:</b>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>

<b>Permit Required:</b>			
	<b>Date Sent</b>	<b>Date Rec'd</b>	<b>Permit #</b>
<b>Town</b>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>
<b>State</b>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>

<b>Water Notification:</b>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div>	<b>Date Called</b>
<b>Sewer Notification:</b>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div>	<b>Date Called</b>

**Stamps:**

PRO SCAN

JUL 02 2004

**COMPLETED**

### Completion Data:

Comments:	
DE-APR 1981 - 6-10-81 0.5 mile x 0.5 mile 6-10-81	
Completed Date	Date Started
6-10-81	
Completed Units	Signature
1	Neil Kelley